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Patent and Trademark Office: U.S. Department of Commerce

000147 TO  
Rev 10/95

U.S. Department of Commerce  
Patent and Trademark Office

Application Number	10/620,906
Filing Date	07/16/2003
First Named Inventor	Jeffrey U. Gafner
Group Art Unit	3653
Examiner Name	
Attorney Docket Number	4470-00679

### TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of pages in this Submission

3

#### ENCLOSURES (check all that apply)

- ☐ Fee Transmittal Form
- ☐ Fee Attached
- ☐ Amendment/Response
- ☐ After final
- ☐ Extension of Time Request
- ☐ Express Abandonment Request
- ☒ Information Disclosure Statement/PTO-1449
- ☐ Certified Copy of Priority Document(s)
- ☐ Response to Missing Parts/Incomplete Application
- ☐ Response to Missing Parts Under 37 1.52 or 1.53

- ☐ Assignment Papers (for an Application)
- ☐ Drawing(s)
- ☐ Licensing-related Papers
- ☐ Petition Checklist and Accompanying Petition
- ☐ To Convert a Provisional Application
- ☐ Power of Attorney, Revocation, Change of Correspondence Address
- ☐ Terminal Disclaimer

- ☐ After Allowance Communication To Group
- ☐ Appeal Communication to Board Of Appeals and Interferences
- ☐ Appeal Communication to Group ( Appeal Notice, Brief, Reply Brief)
- ☐ Proprietary Information
- ☐ Status Letter
- ☒ Additional Enclosure(s) (Please identify below)

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Remarks

#### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Or Individual Name	Joseph J. Jochman, (Reg. No. 25,058) ANDRUS, SCEALES, STARKE & SAWALL, LLP 100 East Wisconsin Avenue, Suite 1100, Milwaukee, WI 53202
Signature	
Date	October 6, 2003

#### CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, DC 20231 on this date:

October 6, 2003

Typed or printed name Barbara A. Johnson

Signature

Date

10/6/2003



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application Of:

JEFFREY U. GAFNER

Serial No.: 10/620,906

Filed: 07/16/2003

DUAL MODULATED VACUUM  
SHINGLER

INFORMATION DISCLOSURE STATEMENT

COMMISSIONER OF PATENTS  
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Sir:

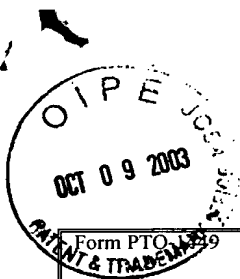
In accordance with the requirements of 37 CFR §§1.56, 1.97 and 1.98, applicant wishes to call to the attention of the Patent and Trademark Office the prior art listed on the enclosed Form 1449.

Respectfully submitted,

ANDRUS, SCEALES, STARKE & SAWALL, LLP

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Sheet 1 of 1.Form PTO 1539  
PATENT & TRADEMARK OFFICEU.S. Department of Commerce  
Patent and Trademark OfficeAtty. Docket No.  
4470-00679Appln. No.  
10/620,906INFORMATION DISCLOSURE STATEMENT BY APPLICANT  
(Use several sheets if necessary)Applicant  
Jeffrey U. GafnerFiling Date  
07/16/2003Group Art Unit  
3653

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	3,659,839	5/2/1972	Baucke			
	4,546,871	10/15/1985	Duke			
	4,681,501	7/21/1987	Edwards et al			
	4,799,847	1/24/1989	Bodewein			
	4,973,039	11/27/1990	Jeske et al			
	4,997,524	3/5/1991	Nieminen et al			
	5,158,278	10/27/1992	Auf der Mauer			
	5,810,350	9/22/1998	Pollich			
	5,833,231	11/10/1998	Schreiner			
	5,971,134	10/26/1999	Trefz et al			
	5,989,393	11/23/1999	Kivimaa et al			
	6,189,884	2/20/2001	Jeske			
	6,196,540	3/6/2001	Schmid et al			
	6,290,817	9/18/2001	Autio			

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)


\*EXAMINER

DATE CONSIDERED

\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication with client.